

Flightcell Pro™

The world's most versatile portable communications integration hub.

- Lightweight and fully portable
- Doubles as a two position VOX ICS
- Built to MILSPEC

- For military and general aviation
- Suits fixed wing aircraft and helicopters

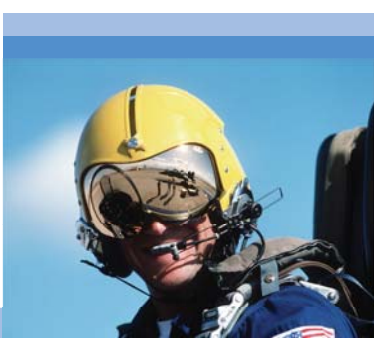
Flightcell Pro interfaces with virtually any portable communications or audio device:

- Satellite phones
- Handheld transceivers
- Mobile phones (including Bluetooth)
- iPod or music players
- Audio recorders and cameras
- Laptops and other audio devices.

NOW
pairs with
Bluetooth
phones



Bose NATO Dual impedance



“ With over 3000 units in service around the world, Flightcell Pro delivers the ultimate in connectivity and portability. ”

Designed, built and distributed by
Flightcell International Ltd

www.flightcell.com

Connect and communicate with Flightcell Pro™

Flightcell Pro simultaneously connects one or more complementary communications options into a military or civilian headset whilst remaining connected to the aircraft or vehicle interphone (ICS) and radios.

Flightcell Pro provides high-quality audio in high-noise environments, enabling hand-held phones and radios to be operated where they are otherwise unusable.

Interfaced Devices

Flightcell Pro is incredibly versatile. It can be used to interface virtually any portable communications or audio device:

- **Satellite phones** - Flightcell Pro is optimized for integrating the Iridium 9505 and 9505A handsets
- **Cellphones** - connecting by cable adaptor or pairing with your Bluetooth enabled phone
- **Hand-held radios**, including aviation and non aviation transceivers and portable military tactical radios
- **Audio recorders and cameras**
- **Other audio sources** - for example an iPod/CD/MP3 player, laptop computers or specialised audio monitoring equipment.

Use Flightcell Pro as a Portable Intercom

Flightcell Pro doubles as a portable, dual VOX two-place intercom in any aircraft or vehicle with or without radios.

Multiple Functions

- Master volume control adjusts all inputs and outputs simultaneously
- Individual inputs and outputs can be adjusted to optimize audio levels
- Isolate function allows phone and radio to be isolated while user is talking on ICS or phone
- An optional cable allows second user full access to connected communications or other audio devices
- An optional injector cable allows incoming phone or radio audio to be provided to all crew via ICS, or to a second headset

Power Options

Flightcell Pro can be powered by an internal rechargeable battery with up to 40 hours operation - or operate and/or recharge battery from aircraft DC power supply:

- 110V or 220V AC (with supplied power adaptor)
- 9-32V DC from vehicle or aircraft power
- LCD Display indicates battery status, volumes, menu settings and connection states.

Global Point-to-point Integrated Communications

Flightcell Pro provides global, point-to-point, integrated communications capability with unlimited applications and proven success.

- Proven in the harshest of military environments – Flightcell Pro has been deployed in over 2000 military aircraft
- Components are tested to rugged MILspec standards
- Flightcell Pro is lightweight and robust, housed in a flame-retardant polycarbonate casing.

Ask for Flightcell Pro Dual Impedance for military applications.

Connectivity

1. Wireless connection to Bluetooth enabled phones
2. Aircraft power cable or DC charger socket
3. RJ45 port for second user headset or audio output device
4. MP3 music player or other audio input
5. Satellite phone or non-aviation transceiver input
6. Cellphone input



Model pictured is Flightcell Pro GA / Civil

Unlimited Applications

- **Commercial pilots:** stay in touch with customers while you fly – wherever you are.
- **Search and Rescue:** communicate direct to control centre, people on the ground, or to specialist support or medical staff.
- **Emergency communications:** Flightcell Pro can operate independently of your aircraft systems, enabling you to use your phone in the event of power or radio failure.
- **Music/podcasts:** listen to your iPod/MP3 in high-quality, amplified stereo sound.

Flightcell Pro Specifications

Batteries:	4.8V 1200mAh NiMH
Battery Life:	30 hours typical
DC power supply:	12-30V DC 500mA
DC power supply connector:	Centre positive
Dual Impedance model	
Main and Aux mic:	Switchable between low and high impedance
High impedance mic:	Electret, sensitivity 40mV
Low impedance mic:	Dynamic, sensitivity 5mV
Main headphone impedance:	8-600Ω
Aux mic impedance:	Dynamic
Aux headphone impedance:	8-600Ω
GA/Bose/NATO model	
Main mic impedance:	Electret
Main headphone impedance:	150-600Ω
Main headphone power:	100mW
Aux mic impedance:	Electret
Aux headphone impedance:	150-600Ω
Main mic circuit:	Isolated
Main mic sensitivity:	5mV
Main mic frequency response:	150Hz - 5kHz
Aux mic circuit:	Non-Isolated
Aux mic sensitivity:	5mV
Aux frequency response:	150Hz - 5kHz
Aux headphone power:	100mW
Aux music freq. response:	70Hz - 20kHz
Typical cell phone sensitivity:	200mV
Cellphone freq. response:	70Hz - 20kHz
Typical sat phone output:	200mV
Sat phone freq. response:	70Hz - 20kHz
Plug:	Dual impedance / NATO: U174/U BOSE: Lemo; GA/Civilian: PJ051/68
Temperature range:	-20 to +55oC
Weight:	360g (13oz)
Dimensions (mm):	140 x 65 x 30mm
Dimensions (inches):	5.5 x 2.6 x 1.2in
NATO Stock Number:	5895-98-206-4415
Case:	Flame retardant polycarbonate/ABS alloy (VO rating) ICS Cable Jacket Material: Matte black polyurethane
EMC:	Complies with the relevant provisions of: AS / NZS CISPR 22:2002, FCC 47 Part 15:2002 and VCCI for Class B
Explosive Atmosphere:	MIL-STD-810, Method 511.4, Procedure I.

Key:

- All models
- Dual impedance only
- GA/Bose/NATO only

